

Notice of Allowability

Application No.

10/006,596

Examiner

CHAMELI C. DAS

Applicant(s)

APUZZO ET AL.

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Terminal Disclaimer filed on 6/13/05.
2. ☒ The allowed claim(s) is/are 1,3-9,12,14,15-20, 23-25, 27-33, 36-39 (newly numbered claims are 1-30).
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 20050621.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 20050621.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

1. This action is in response to the Terminal Disclaimer filed on 6/13/05.
2. In view of the Terminal Disclaimer filed on 6/13/05, the double patenting rejection of the claims 1, 3-9, 12, 14-20, 23-25, 27-33 and 36-39 made in the earlier office action is hereby withdrawn.
3. Claims 1, 3-9, 12, 14-20, 23-25, 27-33 and 36-39 have been allowed.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Kevin P. Radigan, applicant's attorney on 5/17/05.

The application has been amended as follows:

5. *In Specification:*

On the first page of the specification, under "Cross Reference to Related Application" section [0002] the [Docket Number POU900000182US1] should be replaced by Docket Number POU900182US1

In the specification on page 9, section [0032] [FIG. 16 comprises] should be replaced by FIGS. 16A and 16B comprise

In the specification, on page 32, section [0086] at line 2, [FIG.16] should be replaced by FIG. 16A and FIG.16B

6. In Drawings:

In actual drawing, FIG 2. should be labeled as -- PRIOR ART--.

7. In Claims:

Claim 1 (currently amended):

line 1 has been amended as:

A computer implemented method stored on at least one computer readable medium and executing on at least one computer for [[of]]

evaluating a software component, comprising:

at line 15, before "testing" delete [[the]]

Claim 6 (currently amended):

at line 2, before "failing" delete [[the]]

Claim 12 (currently amended):

line 1 has been amended as:

A computer implemented system stored on at least one computer readable medium and executing on at least one computer for evaluating a software component, comprising:

at line 15, before "testing" delete [[the]]

Claim 17 (currently amended):

at line 2, before "failing" delete [[the]]

Claim 19 (currently amended):

at line 1, delete [wherein the means for providing comprises] and insert
further comprising

Claim 23 (currently amended):

line 1 has been amended as:

A computer implemented system stored on at least one computer
readable medium and executing on at least one computer for evaluating a
software component, comprising:

at line 15, before "testing" delete [[the]]

Claim 25 (currently amended):

at line 17, before "testing" delete [[the]]

Claim 30 (currently amended):

at line 2, before "failing" delete [[the]]

Claim 36 (currently amended):

at line 5, delete [various] and insert multiple

Claim 37 (currently amended):

at line 3, delete [various] and insert multiple

REASON FOR ALLOWANCE

8. The following is an examiner's statement of reason for allowance:

The cited prior art taken alone or in combination fail to teach, in combination with the other claimed limitations a computer implemented method stored on at least one computer readable medium and executing on at least one computer for evaluating a software component, comprising: providing an abstract matrix in mathematical form; evaluating test results using the abstraction matrix; the evaluating including for each software layer automatically comparing a test case employed in testing of the software layer to the at least one test case scenario of the abstraction matrix therefor, and if a match is found, automatically comparing the test result for that test case with the mapped expected result for that test case scenario in the abstraction matrix, as recited in the independent claims 1, 12, 23 and 25.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

9. The prior art made or record and not relied upon is considered pertinent to applicant's disclosure.

TITLE: Method and apparatus for regression testing of application logic, US 5758062 A

TITLE: Method for event-related functional testing of a microprocessor, US 6016554 A

TITLE: Method and apparatus for producing a software test system using
complementary code to resolve external dependencies, US 5651111 A

TITLE: Automated method for building and maintaining software including methods for
verifying that systems are internally consistent and correct relative to their
specifications, US 6275976 B1

TITLE: Software test case client/server system and method, US 6182245 B1

TITLE: Automated method for building and maintaining software including methods for
verifying that systems are internally consistent and correct relative to their
specifications, US 6275976 B1.

TITLE: Automatic Test generation for linear digital systems with bi-level search using
matrix transform methods, author: Roy et al, IEEE, 1992.

10. Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Chameli Das whose telephone number is 571-272-2696.

The examiner can normally be reached on Monday-Friday from 7:00 A.M. to
3:30 P.M.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Tuan Dam can be reached at 571-272-2695. The fax number for this group is (703) 872-9306.

An inquiry of general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is 571-272-2100.

Chameli C. Das
CHAMELI C. DAS
PRIMARY EXAMINER

6/17/05